



PATIENT

Meera Meahl

SPECIES

Canine

BREED

Terrier Mix

SEX

FS

AGE

10 y

WEIGHT

11 lb

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Karen Ebersole, DVM,
DABVP

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Ring

INVOICE

DATE

3/23/26

PRESENTING CLINICAL SIGNS

Progressive grade 4/6 murmur.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. Left ventricular diastolic function is characteristic of an age-related relaxation abnormality. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA - 29.2 mm
LVIDd - 29.7 mm
LVIDs - 15.4 mm
FS - 48.1%
RA - 15.4 mm
LVOT - 1.07 m/s
RVOT - 0.72 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral (stage B2) and tricuspid (stage B1) valve disease

This examination demonstrates regurgitation of blood across Meera's mitral and tricuspid valves resulting from degenerative valve disease. Meera's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is a bit more advanced, as Meera has mild to moderate mitral regurgitation present, with mild secondary dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Meera's current risk for the development of clinical signs secondary to her mitral valve disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low, though careful monitoring for these signs is recommended going forward.

I recommend starting Meera on pimobendan (1.25 mg BID), as this medication should help to slow the progression of her valvular diseases.

A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Meera experiences respiratory clinical signs.



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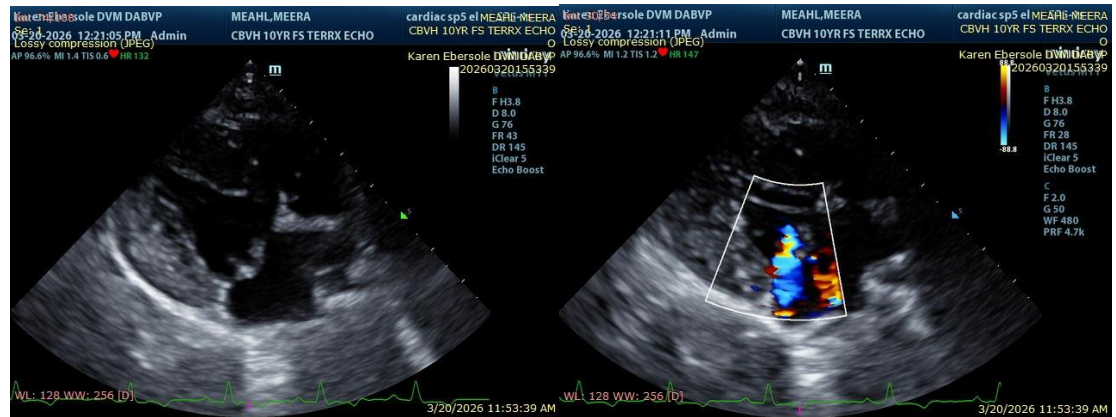
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Keith Blass, DVM, MS, DACVIM (Cardiology) info@SonoPath.com